

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)

Panos PAPANASTASIOU)

Application No.: 10/009,505)

Group Art Unit:)

Filed: December 5, 2001)

Examiner:)

Title: CAVITY STABILITY PREDICTION)
METHOD FOR WELLBORES)

Docket N°: 57.0328-WO

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Box PCT, Washington, D.C. 20231 on November 11, 2002.

Ruth A. Schreiber 11-11-02
Ruth A. Schreiber Date

**PETITION UNDER 37 CFR 1.181
TO RESET THE PERIOD FOR RESPONSE**

Assistant Commissioner for Patents
Box PCT
Washington, D.C. 20231

ATTENTION: PCT Legal

11/21/2002 LLANDGRA 00000052 190615 10009505

01 FC:1460 Sir: 130.00 CH

Applicant respectfully requests the Period for Response to the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) be reset and the enclosed Submission of Missing Parts be accepted as being timely filed.

Applicant filed this application on December 5, 2001 by Express Mail and applicant received the return postcard date stamped by the US PCT/PTO office with the filing date and Serial Number. (Copies of the Express Mail Certificate, Label, and

postcard are enclosed). Applicant has never received an Official Filing Receipt in this application.

On February 6, 2002, applicant filed the Information Disclosure Statement, PTO-1449 form and references. (Copies of these documents, other than the references, along with a copy of the return postcard with the PCT/PTO date stamp are enclosed).

On July 23, 2002, applicant filed a Status Inquiry Letter, which was received and date stamped on the return postcard on July 29, 2002. In this letter Applicant indicated that an Official Filing Receipt had not been received and that applicant was still waiting for the "Notice to File Missing Parts" so that applicant could file the Declaration and Power of Attorney.

Applicant's Paralegal, Ms. Ruth Schreiber, called the PCT help desk on November 7, 2002 at 9:40 a.m. to inquire into the status of this case. Ms. Schreiber spoke with Ms. Sue Wolski and requested a status check on this file. Later in the day, Ms. Wolski called Ms. Schreiber and advised Ms. Schreiber that a Notification of Missing Requirements dated February 6, 2002 had been mailed to applicant. Ms. Wolski later faxed a copy of the Notification of Missing Requirements to applicant (copy attached). A response to this Notice was due April 6, 2002. Applicant has no record of receiving this Notification. The Status Inquiry Letter was mailed in July because applicant had not received any official correspondence from the PCT Receiving Office regarding this case.

The Declaration and Assignment documents were executed on December 10, 2001 and have been in applicant's file waiting for receipt of the Notification of Missing Requirements (Copies of these documents are enclosed). Applicant has been prepared to file the Declaration in response to the Notification of Missing Requirements since the middle of December 2001.

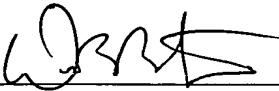
Applicant respectfully requests that the period for response to the Notification of Missing Requirements be reset and the enclosed Submission of Missing Parts be accepted as being timely filed.

PETITION UNDER 37 CFR 1.181
TO RESET THE PERIOD FOR RESPONSE
Paper Date: November 11, 2002

Attorney Docket 57.0328-WO
Appl Serial No. 10/009,505
Page 3

Applicant believes that a fee of \$130.00 is due. However, in the event that an additional fee/credit is due, the Commissioner is authorized to charge/refund the fee/credit to Deposit Account No. 19-0615. Two copies of this paper are attached.

Respectfully submitted,

By: 
William B. Batzer
Registration N° 37,088

Schlumberger-Doll Research
36 Old Quarry Road
Ridgefield, Connecticut 06877-4108
Phone: (203) 431-5506
Fax: (203) 431-5640
November 11, 2002

US57.0328-WO

APPLICANT: Panos PAPANASTASIOU

APPL NO: To be Assigned
INT'L APPL NO: PCT/GB00/02471

10/009505

FILED: 05 December 2001 **JC18 Rec'd PCT/PTO 0.5 DEC 2001**
INT'L FILING DATE: 22 June 2000

TITLE: CAVITY STABILITY PREDICTION METHOD FOR WELLBORES

PAPERS: Express Mail Certificate No. EL442087508US
Transmittal Letter of the US Designated/Elected Office
Copy of Publ. PCT Appl WO 01/00962A1
Copy of PCT/IB/308 Form

PAPER DATE: 05 December 2001

WB		EK		RS	PS
SDR PATENTS					
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FILE 57.0328-WO CC:					
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)	
Panos PAPANASTASIOU)	
Appl. No.: To be Assigned	)	Group Art Unit:
Int'l Appl No.: PCT/GB00/02471)	
Filed: 05 December 2001	)	Examiner:
Int'l Filing Date: 22 June 2000)	
For: CAVITY STABILITY PREDICTION	)	Docket N°: US57.0328-WO
METHOD FOR WELLBORES)	

EXPRESS MAIL CERTIFICATE
UNDER 37 CFR §1.10

Assistant Commissioner for Patents
U.S. Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

EL442087508US

ATTENTION: Box New Patent Application


Sir:

Express Mail Label Number: EL442087508US

Date of Deposit: 05 December 2001

I hereby certify that the attached US national patent application and fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202.

(Signature)
(Print Name)


C. F. LOSS

Schlumberger-Doll Research
Patent Department
Old Quarry Road
Ridgefield, Connecticut 06877-4108
(203) 431-5000

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(US57.0328-WO)

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57.0328-WO

APPLICANT(S): Panos PAPANASTASIOU

APPL. NO.: 10/009,505

FILING DATE: December 5, 2001

TITLE: CAVITY STABILITY PREDICTION METHOD FOR WELLBORES

PAPERS: Information Disclosure Statement (IDS);
Form PTO-1449; references

JCO7 Rec'd PCT/PTO 15 FEB 2002

PAPER DATE: FEBRUARY 6, 2002



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57.0328-WO

APPLICANT(S): Panos PAPANASTASIOU

APPL. NO.: 10/009,505

FILING DATE: December 5, 2001

TITLE: CAVITY STABILITY PREDICTION METHOD FOR
WELLBORES

PAPERS: Information Disclosure Statement (IDS);
Form PTO-1449; references

PAPER DATE: FEBRUARY 6, 2002

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Panos PAPANASTASIOU

Application N°: 10/009,505

Filed: December 5, 2001

Title: CAVITY STABILITY PREDICTION METHOD
FOR WELLBORES

)
) Group Art Unit:
)

)
) Examiner:
)

)
) Attorney Docket No.:
) 57.0328-WO
)

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Lorraine Romlund
Lorraine Romlund

February 6, 2002
Date

**INFORMATION DISCLOSURE
STATEMENT**

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. §1.56, 1.97 and 1.98, the Applicants wish to bring the reference materials listed in the attached Form PTO-1449 to the attention of the U. S. Patent and Trademark Office. Copies of the references are provided for the Examiner's convenience.

No representation is made or intended that a complete and exhaustive prior art search has been made, or that no better references than those set forth below are available. Furthermore, this Statement does not constitute an admission that these references are properly citable against the present application as prior art.

It is respectfully requested that these references be considered by the Examiner and formally made of record in this case.

Respectfully submitted,



William B. Batzer
Registration N° 37,088

Schlumberger-Doll Research
36 Old Quarry Road
Ridgefield, Connecticut 06877-4108
(203) 431-5506
Date: February 6, 2002

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>	ATTY. DOCKET NO: 57.0328-WO	SERIAL NO.: 10/009,505
	APPLICANT: Panos PAPANASTASIOU	EXAMINER:
	FILING DATE: December 5, 2001	GROUP:

U.S. PATENT DOCUMENTS

Exam Init.	Document Number	Date	Name	Class	Sub-class	Filing date if appropriate
	3,907,034	09/23/75	Suman, Jr.	166	250	09/23/74
	4,862,991	09/05/89	Hoyle et al.	181	106	09/13/88
	4,881,208	11/14/89	Liu	367	35	10/27/88
	4,951,267	08/21/90	Chang et al.	367	31	10/15/86
	5,497,658	03/12/96	Fletcher et al.	73	151	03/25/94
	5,619,475	04/08/97	Winkler	367	27	11/09/95
	5,789,669	08/04/98	Flaum	73	152.51	08/13/97
	5,838,633	11/17/98	Sinha	367	31	01/27/97

FOREIGN PATENT DOCUMENTS

Exam Init.	Document Number	Date	Country	Class	Sub-class	Translation	
						Yes	No
	GB2293652A	14.08.95	U.K.	6	G01V 1/48		

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	N. Morita. "Field and Laboratory Verifications of Sand Production Prediction Models". 7-10 Feb. 1994. SPE 27341, pp. 19-28.
	J. Zhang et al. "Mechanical Strength of Reservoir Materials: Key Information for Sand Prediction". SPE 49134, 27-30 Sept. 1998, pp. 423-430.
	H. Asheim. "Determination of Perforation Schemes to Control Production and Injection Profiles Along Horizontal Wells". SPE, March 1997, pp. 13-17.
	C. Presles et al. "A Sand Failure Test can Cut Both Completion Costs and the Number of Development Wells". SPE 38186, March 1997, pp. 13-17.
	F. Sanfilippo et al. "Sand Production: from Prediction to Management". SPE 38185, (1997), pp. 389-398.
	J. Tronvoll et al. "Sand Production: Mechanical Failure or Hydrodynamic Erosion?" Int. J. Rock Mech. & Min. Sci., Vol 34, No.3/4, Paper No. 291, (1997), pp. 1-11.
	A. Skjaerstein et al. "Hydrodynamic Erosion: A Potential Mechanism of Sand Production in Weak Sandstones". Int. J. Rock Mech. & Min. Sci., Vol. 34, No. 3-4, Paper No. 292 (1997), pp. 1-20.

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

57.0328

APPLICANT(S): Paños PAPANASTASIOU

APPL. NO.: 10/009,505

FILING DATE: December 5, 2001

TITLE: CAVITY STABILITY PREDICTION METHOD
FOR WELLBORES

PAPERS: Status Inquiry



DT05 Rec'd PCT/PTO 29 JUL 2002

PAPER DATE: JULY 23, 2002

WBO	JDO	RSO	LRG
SDR IP LAW DEPT			
REC'D: AUG 12 2002			
FILE NO.	57.0328		
CC			
MT ACTION			
DUE DATE			

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)	
Panos PAPANASTASIOU	)	Group Art Unit:
)	
Serial N°: 10/009,505)	
	)	Examiner:
Filed: December 5, 2001)	
)	
For: CAVITY STABILITY PREDICTION METHOD)	
FOR WELLBORES	)	Attorney Docket N°:
	)	57.0328

<i>Certificate of Mailing</i>	
<i>I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Box SN, Washington, D.C. 20231.</i>	
<i>Lorraine Ronnlund</i>	<i>July 23, 2002</i>
Lorraine Ronnlund	Date

STATUS INQUIRY


ASSISTANT COMMISSIONER FOR PATENTS
Box SN
Washington, D.C. 20231

Sir:

This patent application has been on file since December 5, 2001. An Information Disclosure Statement was filed February 6, 2002. We are currently waiting for the Official "Filing Receipt" and "Notice To File Missing Parts. *Filing Date Granted*" documents so that we may submit the Declaration and Power of Attorney for the above noted application.

Please advise of the status of this case, and when Applicant may expect to receive the above mentioned documents.

Respectfully submitted,

By: 
William B. Batzer
Registration N° 37,088

Schlumberger-Doll Research
36 Old Quarry Road
Ridgefield, Connecticut 06877-4108
(203) 431-5506

Date: JULY 23, 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)	
Panos PAPANASTASIOU)	
Application No.: 10/009,505	)	Group Art Unit:
Filed: December 5, 2001	)	Examiner:
Title: CAVITY STABILITY PREDICTION	)	Docket N°: 57.0328-WO
METHOD FOR WELLBORES)	

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Box PCT, Washington, D.C. 20231 on November 11, 2002.

Ruth A. Schreiber 11-11-02
Ruth A. Schreiber Date

SUBMISSION OF MISSING PARTS

Assistant Commissioner for Patents
Box PCT
Washington, D.C. 20231

Sir:

In accordance with the "Notification of Missing Requirements Under 35 U.S.C. 371 In the United States Designated/Elected Office (DO/EO/US)", mailed February 6, 2002 and attached hereto, enclosed please find the executed Declaration and Power of Attorney for the above-identified application.

The surcharge of \$130.00 was already paid on Form PTO-1390, page 2 of 2 that accompanied the application. A Petition Under 37 CFR 1.181 To Reset the Period for Response and to accept this Submission of Missing Parts as being timely filed is being filed concurrently herewith. Applicant does not believe a fee is due. In the event this is incorrect, the Commissioner is hereby authorized to credit/charge Deposit Account No. 19-0615. Two copies of this sheet are attached.

Respectfully submitted,

William B. Batzer

William B. Batzer
Registration No. 37,088

Schlumberger-Doll Research
36 Old Quarry Road
Ridgefield, Connecticut 06877-4108
Phone: (203) 431-5506
Fax: (203) 431-5640
November 11, 2002

Remarked



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box 907
United States Patent and Trademark Office
Washington, D.C. 20231
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/009,505	Panos PAPANASTASIOU	US 57.0328

INTERNATIONAL APPLICATION NO.
PCT/GB00/02471

I.A. FILING DATE	PRIORITY DATE
06/22/2000	06/23/1999

William B Batzer
Schlumberger-Doll Research
36 Old Quarry Road
Ridgefield, CT 06877-4108

CONFIRMATION NO. 5010
371 FORMALITIES LETTER
OC000000009099717
OC000000009099717

Date Mailed: 11/13/2002

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Priority Document
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

FRANCINE YOUNG

Telephone: (703) 305-3662

PART 2 - OFFICE COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/009,505	PCT/GB00/02471	US 57.0328

FORM PCT/DO/EO/905 (371 Formalities Notice)